

Title (en)  
METHOD AND SYSTEM FOR REDUCING EFFECT OF INTERFERENCE IN INTEGRATED METAL DETECTION/ELECTRONIC ARTICLE SURVEILLANCE SYSTEMS

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR REDUZIERUNG DER INTERFERENZWIRKUNG IN INTEGRIERTEN SYSTEMEN ZUR METALLERKENNUNG/ÜBERWACHUNG ELEKTRONISCHER ARTIKEL

Title (fr)  
PROCÉDÉ ET SYSTÈME POUR ATTÉNUER L'EFFET D'INTERFÉRENCE AFFECTANT LES SYSTÈMES INTÉGRÉS DE DÉTECTION DE MÉTAUX/SURVEILLANCE ÉLECTRONIQUE D'ARTICLES

Publication  
**EP 2543025 A2 20130109 (EN)**

Application  
**EP 11767309 A 20110201**

Priority  
• US 71680910 A 20100303  
• US 2011000192 W 20110201

Abstract (en)  
[origin: US2011215928A1] An integrated electronic article surveillance ("EAS")/metal detection system. The system includes a transmitter operable to transmit an EAS interrogation signal, where the EAS interrogation signal establishes an interrogation zone and is used to detect EAS markers and metal objects within the interrogation zone. The EAS interrogation signal is transmitted at a first frequency during an EAS detection cycle and at a second frequency during a metal detection cycle. The system includes a receiver operable to detect a signal received from an EAS marker, and a metal detector module operable to detect a metal object in proximity to the integrated EAS/metal detection system, where the metal detector module includes a filter tuned to substantially filter out the first transmission frequency.

IPC 8 full level  
**G08B 13/24** (2006.01); **G08B 13/14** (2006.01)

CPC (source: EP KR US)  
**G01V 3/10** (2013.01 - EP KR US); **G08B 13/2451** (2013.01 - KR); **G08B 13/248** (2013.01 - EP KR US)

Citation (search report)  
See references of WO 2011155966A2

Designated contracting state (EPC)  
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